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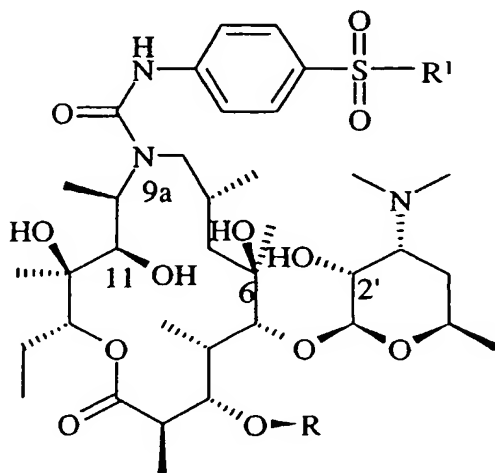
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- (71) Applicant (for all designated States except US): PLIVA d.d. [HR/HR]; Ulica grada Vukovara 49, H-10000 Zagreb (HR).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): KUJUNDZIC, Nedjeljko [HR/HR]; Slavenskog 4, HR-10000 Zagreb (HR). BUKVIC KRAJACIC, Mirjana [HR/HR]; Tjardoviceva 28, HR-10000 Zagreb (HR). BRAJSA, Karmen [HR/HR]; Jablanska 42, HR-10000 Zagreb (HR).
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(54) Title: SUBSTITUTED 9A-N-{N'-[4-(SULFONYL)PHENYL]CARBAMOYL} DERIVATIVES OF 9-DEOXO-9-DI-HYDRO-9A-AZA-9A-HOMOERITHROMYCIN A AND 5-O-DESOSAMINYL-9-DEOXO-9-DI-HYDRO-9A-AZA-9A-HOMOERITHRONOLIDE A



(57) Abstract: The invention relates to substituted 9a-N-{N'-[4-(sulfonyl)phenyl]carbamoyle} derivatives of 9-deoxo-9-dihydro-9a-aza-9a-homoerithromycin A and 5-O-desosaminy-9-deoxo-9-di-hydro-9a-aza-9a-homoerithronolide A, novel semisynthetic macrolide antibiotics of the azalide series general formula (I), wherein R represents H or cladinose moiety and R1 represents chloro, amino, phenylamino, 2-pyridylamino, 3,4-dimethyl-4-isoxazolylamino and 5-methyl-3-isoxazolylamino group, and pharmaceutically acceptable addition salts thereof with inorganic or organic acids, to the process for their preparation of pharmaceutical composition as well as the use their compositions for sterilization rooms and medical instruments as well as for protection of wall and wooden coatings.

WO 2004/043985 A1